OUTAGE ITEMS: UNIT 1 5/15/92

1. T-G Bearing T13 (generator steady bearing) - Resolve no oil flow condition out bearing drain to local wier.
a. roll out bearing, inspect assembly and bearing condition

- 2. Secondary Air Heater 1B- Identify and resolve high amps (7 amps high after startup 7 amps, presently down to 3 amps) and 2 different rubs sources. One rub source coming from gearbox engagement and the other coming from hot end bypass seals. a. inspect and resolve interference problems b. replace any ripped out seals
- 3. <u>Burners O/S</u>- Replace diffusers and nozzles (if required) on E4 and A4 burners which are isolated due to burner fires. a. remove elbows and replace diffusers (and nozzles?) b. restore isolation back to normal
- 4. <u>Windbox Secondary Air Damper 1H</u>- There is a 12 degree difference on blade pitch between east and west dampers. a. adjust linkage and blade pitch and verify position
- 5. Windbox Dampers Stroke all dampers and repair those that are hanging up. a. stroke dampers to identify LVDT's and cams that may be hanging up.
- 6. <u>Burner Thermocouples</u>- Repair or replace ?? bad backplate and nozzle thermocouples for out of service temperature control and burner line fire indication.

 a. repair or replace bad T/C's
- 7. <u>Burner Line Restrictors</u>- Complete changeout of D coal restrictors (2) that were not completed during the Spring Outage. Should not require asbestos abatement. (Pulv B, C, E, F, G & H however will require abatement).
- 8. <u>Boiler Feed Pump 1B- High inboard pump vibration.</u>
 a. install new coupling bolts (spare set in warehouse)
 b. install key phase reference
- 9. <u>Burner Inspection</u>- East to west air flow inbalance. a. inspect all dampers, air registers and duct work to see if there are any physical obstructions to air flow
- 10. <u>Boiler Inspection</u>— Air flow imbalances. a. inspect all expansion joints and casings for potential air in-leakages effecting air flow
- 11. <u>Instrumentation Calibrations</u>a. Air foils, East and West sides
 b. FD fan air flows (1A and 1B)